



# Patterns of Dynamics

Conference in Honor of Bernold Fiedler  
Free University of Berlin, July 25-29, 2016



## Second Announcement:

We are pleased to announce the conference [\*Patterns of Dynamics\*](#), to be held at the Free University of Berlin from July 25-29, 2016. The conference will showcase recent advances in dynamical systems theory and their interplay with a wide range of applications in the sciences and engineering. On the occasion of Bernold Fiedler's 60th birthday, the conference will also honor his long-standing contributions to the field.

## Topics covered will include:

- Pattern formation
- Blow up
- Global attractors
- Bifurcations
- Feedback control
- Ergodic theory
- Singular perturbations
- Applications

## Keynote speakers:

- [Sigurd Angenent](#) (University of Wisconsin-Madison, Madison)
- [Klaus Ecker](#) (Free University of Berlin, Berlin)
- [Willi Jäger](#) (Heidelberg University, Heidelberg)
- [Sabine Klapp](#) (Berlin Institute of Technology, Berlin)
- [John Mallet-Paret](#) (Brown University, Providence)
- [Hiroshi Matano](#) (University of Tokyo, Tokyo)
- [Konstantin Mischaikow](#) (Rutgers University, New Jersey)
- [Yasumasa Nishiura](#) (Tohoku University, Sendai)
- [Arnd Scheel](#) (University of Minnesota, Minneapolis)
- [Angela Stevens](#) (Westfälische Wilhelms-Universität Münster, Münster)
- [Sjoerd Verduyn Lunel](#) (Utrecht University, Utrecht)
- [Lai-Sang Young](#) (Courant Institute, New York)

## Invited speakers:

[Abderrahim Azouani](#), [Mohamed Belhaq](#), [Wolf-Jürgen Beyn](#), [Klaus Böhmer](#), [Pavel Brunovský](#), [Messoud Efendiyev](#), [Angela Fiedler](#), [Marek Fila](#), [Vassilii Gelfreich](#), [Juliette Hell](#), [Ale Jan Homburg](#), [Romain Joly](#), [Hiroshi Kokubu](#), [Katharina Krischer](#), [Faouzi Lakrad](#), [Reiner Lauterbach](#), [Stefan Liebscher](#), [Karsten Matthies](#), [Peter Polacik](#), [Jens Rademacher](#), [Geneviève Raugel](#), [Alan D. Rendall](#), [Carlos Rocha](#), [Mariel Saez](#), [Jürgen Scheurle](#), [Jörg Schmeling](#), [Guido Schneider](#), [Isabelle Schneider](#), [Klaus Schneider](#), [Andreas Schuppert](#), [Alexander Skubachevskii](#), [Peter Szmolyan](#), [Sergey Tikhomirov](#), [Dmitry Turaev](#), [Martin Väth](#), [André Vanderbauwhede](#), [Claudia Wulff](#), [Serhiy Yanchuk](#), [Anna Zakharova](#).

## **Abstract submission:**

Keynote and invited speakers are kindly asked to submit their abstract using the [online form](#). We are also calling on scientists to submit abstracts for 20-minute contributed presentations or posters. This can be done using the same [online form](#) on the conference website. The deadline for submission is April 15, 2016. There are only a limited number of places available for contributed presentations and posters. If you wish to participate in one of these formats, a decision concerning the acceptance of your abstract will be taken by the organizing committee by May 2, 2016.

## **Registration:**

The registration process, including paying the registration fee, will open on May 2, 2016 via the online form on the conference website. The conference fees are as follows:

- standard fee: 150 Euro
- student fee: 60 Euro

Students and early-career scientists (less than 3 years after PhD) are eligible for one of a limited number of registration fee waivers. To apply for the fee waiver, we ask you to write a short paragraph explaining why the waiver is appropriate for you and submit it using the [online form](#) on the conference website.

## **Social program:**

The [social program](#) includes the conference dinner at restaurant Harnack House and an excursion to lake Wannsee, a UNESCO world heritage site on the border between Berlin and Potsdam. The conference dinner costs 55 Euro, and the excursion 25 Euro. Further information on the social program can be found on the conference website.

## **Travel:**

As a major European city, Berlin is easily reached by plane, train, bus or car. A number of major airlines have direct connections to Berlin from other international hubs, in addition to many budget carriers serving destination within Europe. The conference venue is in the city's south-west and is easily reached by public transportation. For further information, consult the [travel information](#) section of the conference website.

## **Accommodation:**

We have a reserved allotment of hotel rooms at [Seminaris CampusHotel](#) and at [Best Western Steglitz International](#). Both consignments will only be available until June 1, 2016. Information on how to book at Seminaris and Best Western, as well as several alternative accommodation options are listed in the [accommodation section](#) of the conference website.

## **Visa Application:**

Should you require any documents for your visa, please contact us at the email address [patterns.dynamics@mi.fu-berlin.de](mailto:patterns.dynamics@mi.fu-berlin.de), and we will send them promptly.

Thank you for your interest in attending the conference *Patterns of Dynamics*, and we look forward to seeing you in Berlin!

## Organizing committee:

- [Pavel Gurevich](#) (Free University of Berlin, Berlin)
- [Juliette Hell](#) (Free University Berlin, Berlin)
- [Alexander Mielke](#) (Weierstrass Institute, Berlin)
- [Felix Otto](#) (Max Planck Institute for Mathematics in the Sciences, Leipzig)
- [Björn Sandstede](#) (Brown University, Providence)
- [Arnd Scheel](#) (University of Minnesota, Minneapolis)
- [Eckehard Schöll](#) (Berlin Institute of Technology, Berlin)
- [Angela Stevens](#) (University of Münster, Münster)
- [Matthias Wolfrum](#) (Weierstrass Institute, Berlin)

## Local organizers:

Nikita Begun, Bernhard Brehm, Mark Curran, Jia-Yuan Dai, Ulrike Geiger, Adem Güngör, Pavel Gurevich, Juliette Hell, Anna Karnauhova, Phillip Lappicy, Alejandro Lopez Nieto, Isabelle Schneider, Hannes Stuke, Yuya Tokuta, Nicola Vassena, Konstantinos Zemas.

## Contact:

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